Revolabs Single Channel System - Polycom HDX 9001/9002 Setup Guide

NOTES AND CAUTIONS:

This setup guide will guide you through the steps needed to properly connect a Revolabs Single Channel System to a Polycom HDX 9001/9002 video codec.

1. Connecting the Cables
2. Configuring the HDX 9001/9002 Video Codec

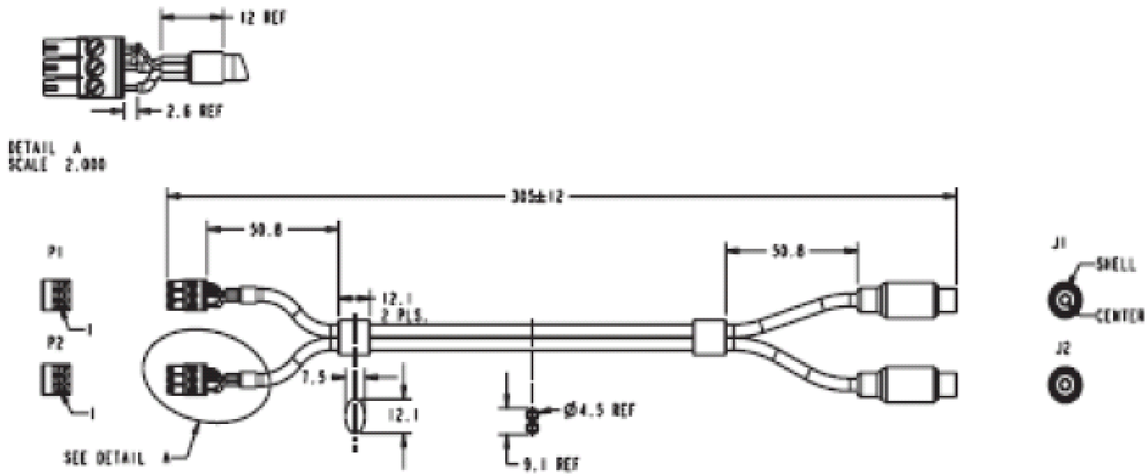
Note: *It is important to carefully follow these instructions in order and completely. Otherwise your Single Channel System and/or the video codec may not function properly. Please read through these instructions completely before proceeding. Contact Revolabs technical support if you have any questions.*

Requirements for connecting systems:

1. Revolabs Single-Channel System
2. Revolabs 2.5mm to RCA Audio Cable (included with Single-Channel)
3. Polycom HDX 9001/9002 video codec
4. Polycom Audio Adapter Cable (P/N 2457-23492-001) or equivalent*

*POLYCOM HDX 9000 SERIES VIDEO CODECS HAVE PHOENIX CONNECTORS FOR AUDIO INPUT/OUTPUT WHILE REVOLABS FUSION PRODUCTS USE RCA CONNECTORS FOR AUDIO INPUT/OUTPUT. THE POLYCOM AUDIO ADAPTER CABLE CONVERTS TWO PHOENIX CONNECTORS INTO FEMALE RCA CONNECTORS. OTHERWISE, A TECHNICIAN COULD SIMPLY CUT OFF THE ENDS OF THE RCA CABLES AND CONNECT PER THE DIAGRAM ON THE FOLLOWING PAGE:

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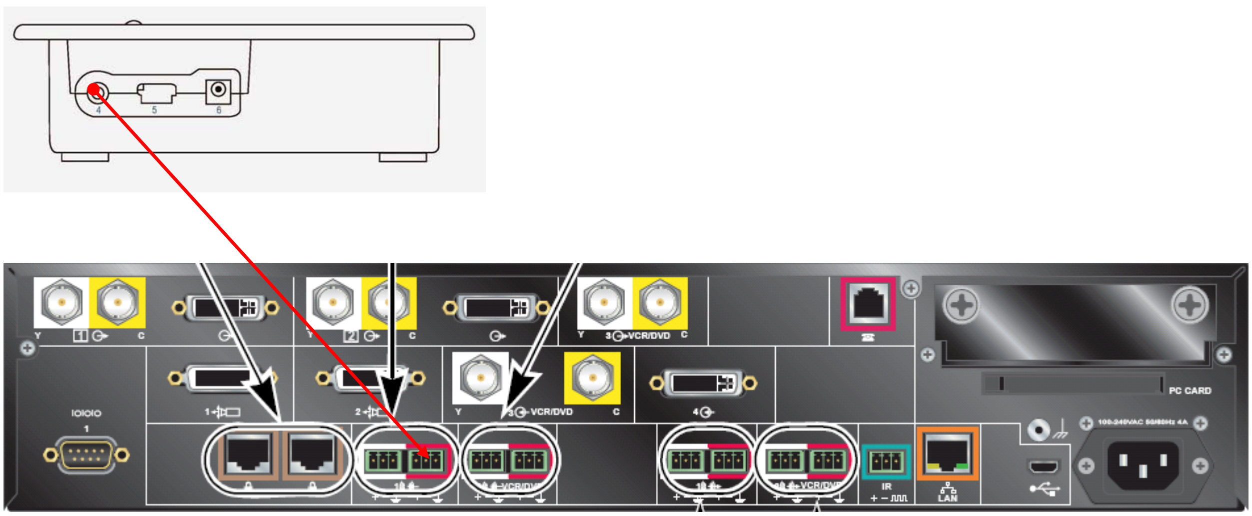
WIRING LIST				
PLUG	CONTACT	CONDUCTOR	CONTACT	JACK
P1	1	A+	CENTER	J1
	2	A-	SHELL	
	3	A DRAIN	—	
P2	1	B+	CENTER	J2
	2	B-	SHELL	
	3	B DRAIN	—	

INSTALL JUMPER BETWEEN CONTACT 2 AND CONTACT 3 OF BOTH P1 & P2 AS SHOWN IN DETAIL "A".

Connecting the Cables

CONNECTING A REVOLABS SINGLE CHANNEL SYSTEM TO POLYCOM HDX 9001/9002 VIDEO CODEC

1. Connect a Revolabs 2.5mm to RCA audio cable between the 2.5mm analog output on the Single Channel System and the red "Audio Input 1" port on the HDX 9001/9002.



Configuring the HDX 9001/9002 Video Codec

CONFIGURING THE AUDIO MENUS OF THE HDX 9001/9002 VIDEO CODEC

1. Select SYSTEM
2. Select ADMIN SETTINGS and enter the Administrator password (if needed)
3. Select AUDIO
4. Select AUDIO SETTINGS
5. Disable POLYCOM MICROPHONES by removing the check mark. Having Revolabs and Polycom microphones will increase ambient noise, add to echo cancellation problems, and reduce articulation*
6. Verify LIVE MUSIC MODE is disabled by removing the check mark. Polycom noise suppression is turned off when this is active
7. Select INPUTS/OUTPUTS
8. Confirm or modify the following settings:
    a. INPUT TYPE is LINE INPUT
    b. INPUT TYPE LEVEL is 80% or 8
    c. ECHO CANCELLER is OFF
9. Press OK to save all changes

* **NOTE: IF THE GOAL IS TO USE THE REVOLABS WEARABLE MICROPHONE OR XLR PLUG-IN ADAPTER WITH THE HDX SYSTEM, THEN DISABLING OF THE POLYCOM MICROPHONES IS NOT NECESSARY DUE TO THE MINUTE AMOUNT OF ECHO CANCELLATION PROCESSING POWER NEEDED FOR THESE MICROPHONES. REVOLABS DOES NOT RECOMMEND ADDING A REVOLABS BOUNDARY MICROPHONE TO AN EXISTING HDX MICROPHONE SYSTEM BECAUSE OF ECHO CANCELLATION REFERENCES AND VOLUME LEVEL DIFFERENCES.**